

Service Manual

Models: GWH09MA-K3DNA3L GWH12MA-K3DNB7L
GWH09MA-K3DNA4L GWH12MA-K3DNC9L
GWH09MA-K3DNB7L GWH12MA-K3DND3L
GWH09MA-K3DND3L (Refrigerant R410A)
GWH09MA-K3DNC9L
GWH09MA-K3DNB3L
GWH12MA-K3DNA3L
GWH12MA-K3DNB3L

20" Designer Series Television

20PS47S

Technical specifications

Picture Quality

- **20" high contrast picture tube**
Delivers a vivid picture and is faster and larger compared to 19" televisions.
- **Digital comb filter**
Separates chrominance (color) from luminance (brightness) information for independent processing to improve picture resolution and minimize distortions.
- **Dynamic Noise Reduction**
Reduces picture graininess caused by weak signals to produce a clearer picture and enhance the viewing experience.
- **3-Position Color Temperature**
Customize picture to your personal flesh-tone preference with cool, normal and warm settings.

Ease of Use

- **QuadraSurf™ Universal Remote**
Controls all TV features plus virtually all brands of VCR, DVD and Digital Broadcast Satellite receivers. To personalize and customize TV viewing simply use each of the four colored surf buttons to view up to ten of your favorite programs by category (that's 40 total movie, sports, news, music, children's, etc.) or by family member. The AV inputs can also be programmed for use as a "source" selector.
- **AutoPicture™**
Instantly optimizes brightness, contrast, color, tint and sharpness settings with picture presets for Movies, Sports, Video games and weak signal reception.
- **AutoSound™**
Audio volume levels are automatically adjusted and optimized with the choice of three presets: Movies, Voice, Music plus an adjustable personal setting.
- **AutoMute™**
Automatically activates the closed-captioning when the MUTE button is pressed.
- **AutoLock™**
Protects young children from objectionable programming with V-chip technology.

Any-Button-On Front Controls
Channel Auto-Programming
English/Spanish menu
240-minute Sleep Timer
Closed Caption viewing

The television receiver provides display of television closed captioning in accordance with 52.119 of the FCC rules.



Sound Quality

- **Incredible Surround™ sound**
Widens and deepens the soundstage for more immersive home entertainment experience.
- **Stereo Sound system**
Receives stereo broadcasts for performance through dual speakers for an exciting and lifelike sound.

Connectivity

- **S-Video input**
The ideal way to connect high resolution picture sources like DVD, Digital Satellite & Cable TV and video games for the best picture possible.
- **Rear stereo AV inputs and outputs**
Connect a VCR, DVD, Satellite and video game through S-Video or stereo AV connection. Audio/video output jacks make adding a home theatre surround sound even easier!
- **Front stereo AV in + headphone jack**
Connecting digital cameras and video games is quick and easy. You can enjoy your favorite program or game in great stereo sound without disturbing others by connecting your headphones (optional) to the handy front jack.



Front AV + Headphone
Inputs/Outputs



Rear AV

UPC: 0 37849 92553 9
Product Dimensions: 23.5"W x 18.7"H x 18.7"D
Product Weight: 45.6 lbs.
Carton Dimensions: 26.3"W x 22.3"H x 21.9"D
Carton Weight: 54.3 lbs.
Carton contains: QuadraSurf™ Universal Remote
Control w/ batteries, operating instructions, warranty information

Faux Flat™, AutoSound™, AutoPicture™, AutoMute™, AutoLock™, QuadraSurf™, Incredible Surround™ are trademarks of Philips Consumer Electronics Company. Printed in the U.S.A.

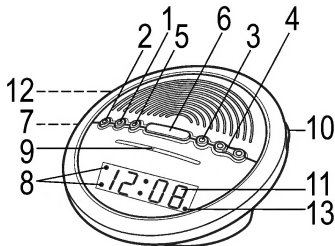
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Specifications subject to change without notice.

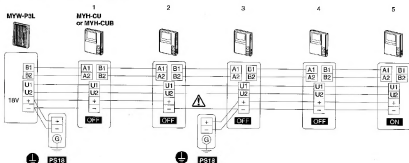


Übersicht der Bedienelemente

Overzicht van de bedieningselementen • Liste des différents éléments de commande
Indicación de los elementos de manejo • Descrição dos elementos • Elementi di comando
Oversik over betjeningselementene • Overview of the Components
Przegląd elementów obsługi • Píhľad ovládacích prvků • A kezelőelemek áttekintése
Обзор элементов управления



■ Video monitor & power supply

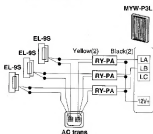


⚠ Do not connect + to + wire between monitors powered by different power supplies.

PS18 : PS-18C or PS-18E

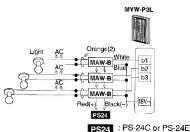
- Impedance-matching switch: Set to OFF on all monitors, except on the last monitor.
- Intercom wires must not be in the same jacketed cable.

■ Door release



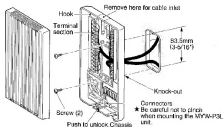
Door release wires must be in separate jacketed cables from video wires.

■ Auxiliary lights

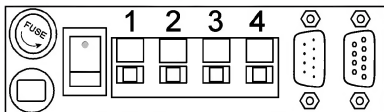


3 MOUNTING

1. Push button on the bottom, and lift front case off of chassis.
2. Disconnect the MYW-P3L unit from chassis.
3. Mount the chassis to wall or single-gang box.
4. Pull in cables and make wire terminations.
5. Reconnect and mount the MYW-P3L to chassis and lock.



Rear Panel



-Fuse Holder



- Power Cord



- Power Switch



- Terminal Strip



-DB-9 connector (male)

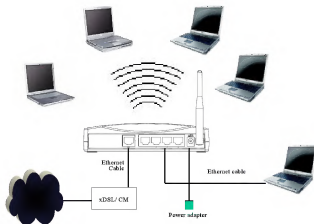


-DB-9 connector (female)

Quick Installation Guide

1. Unpack the AcerHub ALH-616ds dual-speed Hub and it's accessories (refer section 1.3).
2. Connect the Hub to the external Power supply (refer to section 2.4.1)
3. Use the normal ports to connect to PCs and computers.
4. Use the uplink port to connect to another hub or LAN switch.

Quick Installation Guide of Acer WLAN 11b Broadband Router



The wireless network diagram of Acer WLAN 11b Broadband Router

Reference

Please consult the user's manual of Acer WLAN Broadband Router for detailed and complete operation guide.

Important Information

Safety Precautions

- Never open the cabinet under any circumstances. Any repairs or internal adjustments should be made only by a trained technician.
- Never operate this product with the cabinet removed.
- Do not use your system immediately after transporting it from a cold place to a warm place, as condensation may cause the system to malfunction.
- Keep your unit away from humid areas and abnormally hot places.
- Do not touch the player with wet hands. If any liquid enters the player cabinet, take the player to a trained technician for inspection.
- This compact disc player uses a laser to read the music on the disc. The laser mechanism is sensitive to the carriage and stylus of a record player. Although this product incorporates a laser pick-up lens, it is completely safe when operated according to directions.
- Discs rotate at high speed inside the player. Do not use damaged, warped, or cracked discs.
- Do not touch the pick-up lens which is located inside the disc compartment. To keep dust from collecting on the pick-up lens, do not leave the compartment door open for an extended period of time. If the lens becomes dirty, clean it with a soft brush, or use an air blower brush designed for camera lenses.
- The apparatus shall not be exposed to dripping and splashing.

Important Battery Information

- Remove the batteries to avoid leakage if you do not use your remote control for more than one month.
- Discard faulty batteries immediately as leaking batteries may cause skin burns or other personal injuries. Dispose of batteries in the proper manner, according to provincial and local regulations.
- Any battery may leak electrolyte under the following circumstances:
 - if mixed with a different battery type,
 - if inserted incorrectly,
 - if all batteries are not replaced at the same time,
 - if disposed of in fire, or
 - if an attempt is made to charge a battery not intended to be recharged.

Headset Safety

- Do not play your headset at high volume. Hearing experts warn against extended high-volume play.
 - If you experience ringing in your ears, red use volume or discontinue use.
 - You should use with extreme caution or temporarily discontinue use in potentially hazardous situations.
- Even if your headset is an open-air designed to let you to hear outside sounds, do not turn up the volume so high that you are unable to hear what is around you.

Don't Infringe

This product should only be used for the purposes for which it is sold, that is, entertainment, violating no copyright law. Any attempt to use this product for which it is not intended is unlawful and therefore not condoned by Thomson multimedias.

Technical Specification

Power supply: 120V-60Hz
Dimensions (H x W x D in inches):
Unit size: 12.5 x 12 x 15.4
Main Speaker: 12.2 x 8.5 x 7
Tape deck: Response curve: 120Hz-80Hz (-5dB)
CD player: Response curve (-4): 20Hz-80Hz to 15 kHz
Rating Plate: Look for it at the back of the unit.

The design and construction of this product are given an express limitation and warranty. In order to provide the highest quality product possible, we reserve the right to make any improvement or modification without prior notice. The English version is the final reference. An official multi-lingual double should any discrepancy arise in other languages.

Limited Warranty (U.S.)

What your warranty covers:

- Defects in materials or workmanship.

For how long after your purchase:

- One year from date of purchase for labor and parts.
- Warranty period for rental units begins with the first rental or 48 days from date of shipment to the rental firm, whichever comes first.

What we will do:

- Pay any Authorized RCA Audio Service Center the labor charges to repair your unit.
- Pay any Authorized RCA Audio Service Center for the new or, at our option, refurbished replacement parts required to repair your unit.

How you get service:

- Take your unit to any Authorized RCA Audio Service Center. To identify your nearest Authorized RCA Audio Service Center, ask your dealer, look in the Yellow Pages, or call 1-800-238-1980.
- Show the Authorized Service Center Representative your evidence of purchase date or first rental.
- Pick up your unit when repairs are completed.
- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.

What your warranty does not cover:

- Customer instruction. (Your Owner's Manual describes how to install, adjust, and operate your unit. Any additional information should be obtained from your dealer.)
- Installation and related adjustments.
- Signal reception problems not caused by your unit.
- Damage from misuse or neglect.
- Cleaning of audio heads.
- Batteries.
- A unit that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- A unit purchased or serviced outside the U.S.A.
- Acts of nature, such as but not limited to lightning damage.

Product Registration:

- Please complete and mail the Product Registration Card packed with your product. It will make it easier to contact you should it ever be necessary. The return of this card is not required for warranty coverage.

specify which driver should be loaded for the primary controller. Without the right boot string, OpenServer may not be able to detect the root disk.

Following are the boot strings for different controllers:

- Adaptec controllers:(Poseidon and Arsalan)
`defbootstr link=ad160 hd=Sdsk Srom=wd(0,0,0) .`
- Maxwell controller: (Smart Array 5300)
`defbootstr link=ciss hd=Sdsk Srom=wd(0,0,0) .`
- IDA controllers:(Smart 2/E, Smart 2/P, Smart 2/DH, Smart 2/SL, Smart Array 221, 3200, 3250ES)
`defbootstr disable =ida link=ida hd=ida0
Srom=wd(0,0,0) .`
- ROC controllers (Embedded ROC, Smart Array 4200, 4250ES and Smart Array 431)
`defbootstr link=clad hd=Sdsk Srom=wd(0,0,0) .`
- Compaq SymBios SCSI Controllers(825, 875, 876, 895, 896 and non intelligent ROC):
`defbootstr link=cha hd=Sdsk Srom=wd(0,0,0) .`

SmartStart 4.9 Assisted Install Procedure for SCO OpenServer 5

1. Boot machine and insert the SmartStart 4.9 or later.
2. Follow the install procedure.
3. Create BTLD diskette during SS Interview process.
4. Remove floppy disk and CDROM when the system requests this action.
5. Insert SCO 5.05 CD when system requests this action.
6. The system reboots.
7. At the SCO5 boot prompt, enter the necessary boot string based on the boot controller.
8. Insert the BTLD diskette when prompted and continue with the installation.
9. During hard disk setup, select **Interactive fdisk** option to preserve the system partition created by SmartStart.

ROM-Based BIOS Setup Utility (RBSU)

RBSU is a ROM-based configuration utility that displays and modifies the system configuration settings of a server. RBSU replaces BIOS Setup and provides a simplified setup process that is machine-specific and tailored for each type of server. RBSU Version 1.0 on the ProLiant ML350 is intended to facilitate transition to the "look and feel" of RBSU Version 2.0 which will be available on future products.

3 Початок роботи

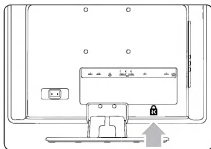
У цьому розділі подана інформація про встановлення телевізора, і він доповнює *Короткий посібник з використання*.

Примітка. Щоб отримати інформацію щодо монтування підставки, див. *Короткий посібник з використання*.

3.1 Розташування телевізора

Перш ніж розташовувати телевізор, необхідно прочитати і зрозуміти інструкції з безпеки, подані у *Розділі 1.1*, та врахувати таке:

- Ідеальна відстань для перегляду телевізійних програм – втричі більша розміру екрана.
- Розташуйте телевізор так, щоб світло не падало на екран.
- Перед тим як розташовувати телевізор, під'єднайте до нього потрібні пристрої.
- Ваш телевізор обладнано гніздом замка Kensington, який знаходиться з тильної сторони телевізора. Коли ви під'єднуватимете замок проти крадіжок Kensington (не додається), розташуйте телевізор поблизу постійного предмета (такого, як стіл) так, щоб можна було без зусиль під'єднати його до замка



3.2 Настінне кріплення телевізора

ПОПЕРЕДЖЕННЯ. Кріплення телевізора на стіну повинні виконувати лише кваліфіковані спеціалісти. Компанія Koninklijke Philips Electronics N.V. не несе відповідальності за неналежне монтування, що може призвести до нещасного випадку чи травмування.

Крок 1. Придбання VESA-сумісного настінного кронштейна

Залежно від розміру екрана телевізора, придбайте один із таких настінних кронштейнів:

Розмір екрана телевізора (дюйми/см)	Тип VESA-сумісного настінного кронштейна (міліметри)	Спеціальні інструкції
19"/48 cm	Фіксований 100 x 100	Немає
20"/51 cm		
22"/56 cm		
26"/66 cm	Фіксований 100 x 200	Немає

Крок 2. Під'єднання кабелів

Під'єднайте кабель антени, кабель живлення та інші пристрої до роз'ємів на задній панелі телевізора, як описано у подальших розділах.

Крок 3. Кріплення VESA-сумісного настінного кронштейна до телевізора

ПОПЕРЕДЖЕННЯ. Для кріплення VESA-сумісного настінного кронштейна до телевізора використовуйте лише болти (M4 для всіх моделей) та прокладки (4 см), які додаються. Болти, які додаються, відповідають вазі телевізора; прокладки, які додаються, призначені для зручності зберігання кабелів.

Configuration

AD149A	N/A	300 GB	10,000 RPM	4.7 msec (read); 5.2 msec (write)	69 MB/s
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Internal Removable Media

- HP 9000 rp8420 Server contains two removable media bays, which will support either a DVD-ROM or DDS-4 DAT drive. Removable media drives are not hot-plug capable.
- DVD-ROM drive provides enhanced features while preserving backward read compatibility with CD-ROM. Data transfer rates of up to 6.75 MB/s are achieved with the DVD format; 4.8 MB/s can be achieved with the CD format.
- DDS-4 drive has a maximum storage capacity of 40 GB with a peak transfer rate of 21.6 GB/hour compressed.
- Must order two Core I/O cards to enable more than one Internal Media device.

Internal Removable Media Specifications

Product Number	rp8400 Product Numbers that are supported	Device	Capacity	Data transfer rate
A9879A	A6180A	DVD-ROM drive	650 MB	6.75 MB/s
A9878A	A6182A	DDS-4 tape drive	40 GB	21.6 GB/hour
AB351A*	N/A	DVD + RW drive		
AB351B*	N/A	DVD + RW		
AB400A	N/A	DAT	72 GB	

*NOTE: Third Party software (not included with AB351A & B) is required to support DVD write capability with Windows.

I/O Configuration Rules The following table summarizes previously mentioned configuration rules pertaining to usage of I/O slots and internal peripherals within the HP 9000 rp8420 Server chassis.

Configuration	Minimum Number of Cells	Minimum Number of Core I/Os
>8 I/O card slots	2	1
>2 Internal Disks	2	2
2 Internal Removable Media	2	2
2 Partitions	2	2

Additional I/O resources using the Server Expansion Unit (SEU)

Additional I/O resources can be obtained by adding the HP Server Expansion Unit (SEU). The SEU is an add on chassis containing I/O resources that complement the I/O and partitioning capabilities within the HP 9000 rp8420 Server. The SEU mirrors the I/O resources embedded within the HP 9000 rp8420 Server chassis, adding 16 PCI X I/O card slots, 4 disk bays, 2 removable media slots, and enabling 2 additional hard partitions in the server.

The SEU must be installed in the same cabinet and directly above the host HP 9000 rp8420 Server for factory racked installations. For field installations, the SEU can be installed in an adjacent rack at the same height as the server if there is space limitations. The preferred installation is directly above the host server in the same rack. Please refer to the rp84xx/rx86xx Server Expansion Unit section in this guide for more specific details.

The following table summarizes the I/O configuration rules when an SEU is configured with the HP 9000 rp8420 Server.



Initial Cleaning

Before using the oven for the first time you should clean it thoroughly.



Caution: Do not use any caustic, abrasive cleaners! The surface could be damaged.



To clean metal fronts use commercially available cleaning agents.

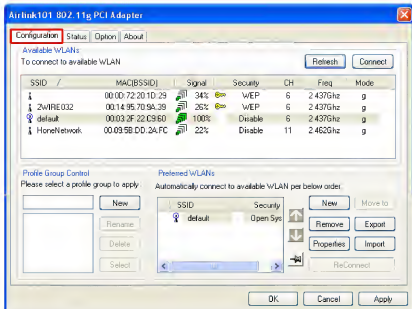
1. Turn the oven function switch to oven lighting
2. Remove all accessories and the shelf support rails and wash them with warm water and washing up liquid.
3. Then wash out the oven with warm water and washing-up liquid, and dry.
4. Wipe the front of the appliance with a damp cloth.

4. Configure the WLAN Monitor

This section describes the various functions of the WLAN Monitor that you can configure, including the settings of wireless encryption.

4.1 Configuration Tab

The **Configuration Tab** displays all available Access Points detected.



Available WLANs: Displays all available Access Points detected. To update the list, click on **Refresh**. To connect to a SSID in the list, click on **Connect**.

Preferred WLANs: You may add a preferred SSID that the wireless adapter will automatically connect to upon startup. To add a new SSID from the available WLANs list, select the desired SSID and click **Connect**. To add a new SSID that is not listed in the available WLANs list, click on **New** and manually enter the name of the SSID. If you have more than one preferred WLAN, you may move the SSID up or down the list. Each time the computer starts up, the wireless adapter will attempt to connect to the SSID

In Compaq ProLiant 8500 servers, you can access options and accessories easily through a sliding top access panel and three removable modules: the Processor and Memory module, the Media module, and the I/O Module. See Figures 2-1 and 2-2 for identification of these modules and other components.

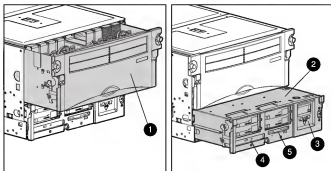


Figure 1-1. Compaq ProLiant 8500 Server - front view

- ❶ Processor and Memory module
- ❷ Media module
- ❸ Integrated Management Display (IMD) (on some models)
- ❹ IDE CD ROM
- ❺ 1.44 MB Diskette Drive

TOUCHPAD

Touchpad basics

The touchpad controls the arrow (or 'cursor') on the screen. As you slide your finger across the touchpad, the cursor will follow this movement.



Note

The touchpad is sensitive to finger movement; the lighter the touch, the better the response. Please keep the touchpad and your fingers dry and clean.

The cursor is controlled by some basic gestures:

- **Single-finger slide:** Slide a finger across the touchpad to move the cursor.
- **Single-finger press or tap:** Press the touchpad down, or lightly tap the touchpad with your finger, to perform a 'click', which will select or start an item. Quickly repeat the tap to perform a double tap or 'double click'.
- **Single-finger press** in the bottom-right corner: Press the bottom right corner of the touchpad to perform a 'right click'. In the Start screen, this will toggle the app commands, in most apps this will open a context menu related to the selected item.
- **Drag:** Press and hold the bottom left corner of the touchpad, or tap twice anywhere on the touchpad, then slide a second finger across the touchpad to select all items in an area.



Touchpad gestures

Many applications support touchpad gestures that use one or more fingers.



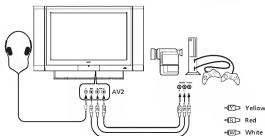
Note

Support for touchpad gestures depends on the active application.

■ [Dwt]-8094, 1094 pump)

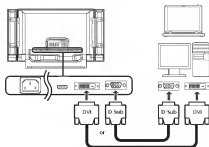
Connecting a camera, camcorder, video game or headphones

Connect your camera or camcorder to the video/audio ports on the bottom of the TV set as shown below.



Connecting a PC or notebook computer

To display PC output on your TV, connect your PC or notebook computer to the TV as shown below.



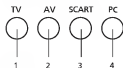
For VGA and DVI input, Acer recommends setting your PC's external monitor resolution to 1360 x 768 pixels @ 60 Hz refresh rate.

Selecting the input source

Once you have connected your antenna or external equipment to the TV, you need to select the correct input source.

Press the corresponding button on the remote control to select the correct input source.

Input button guide:

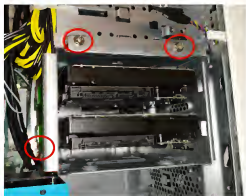


- TV key**
Toggle Digital TV (DTV) and Analog TV (ATV) between input sources.
- AV key**
Toggle AV1/AV2/Component1/Component2(*) and HDMI between input sources.
- SCART key**
Toggle SCART1/SCART2/SCART3 and SCART4(*) between input sources.
- PC key**
Toggle VGA and DVI between input sources.

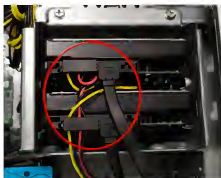


* For AT3705 models only

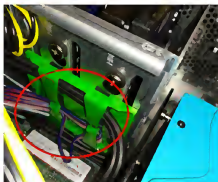
5. Secure the HDD bracket with three screws



6. Connect the power and data cables to the hard drives.



7. Use the cable clip to secure the cables.



8. Observe the Post-installation instructions on page 2

Supporting Timing modes

VESA	640 x 480 @ 60Hz
VESA	640 x 480 @ 72Hz
VESA	640 x 480 @ 75Hz
VESA	800 x 600 @ 56Hz
VESA	800 x 600 @ 60Hz
VESA	800 x 600 @ 72Hz
VESA	800 x 600 @ 75Hz
MAC	832 x 624 @ 75Hz
VESA	1024 x 768 @ 60Hz
VESA	1024 x 768 @ 70Hz
VESA	1024 x 768 @ 75Hz
VESA	1280 x 1024 @ 60Hz
VESA	1280 x 1024 @ 75Hz

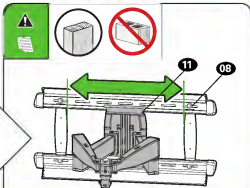
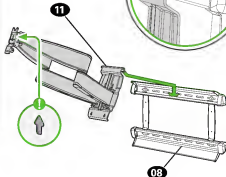
Warning : Do not set the graphic card in your computer to exceed these maximum refresh rates. Doing so may result in permanent damage to your monitor.

3.1 Attach Arm Assembly to Wall Plate

1 HANG



HEAVY! You may need assistance with this step.



CAUTION: Avoid potential personal injury or property damage!

For **CONCRETE APPLICATIONS:**

The arm assembly **11** **MUST** remain centered in wall plate **08**.

NOTE: For **WOOD STUD APPLICATIONS**, the arm assembly **11** can be slid anywhere along wall plate **08** for optimal positioning of your TV.

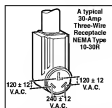
Connecting Power Cord with Three-Wire Plug

NOTE: Four-wire cord is required for mobile homes or where codes do not permit grounding through neutral.

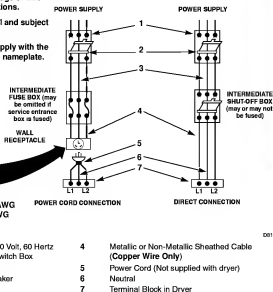
NOTE: The power cord is NOT supplied with the electric dryer. Type of power cord and gauge of wire must conform to local codes and instructions.

The method of wiring the dryer is optional and subject to local code requirements.

NOTE: Connect the dryer to the power supply with the **MAXIMUM RATED VOLTAGE** listed on the nameplate.



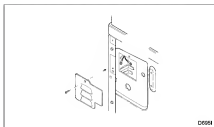
NOTE: Use **COPPER WIRE** only.
Shorter than 15 ft. (4.5 m) – use 10 AWG
Longer than 15 ft. (4.5 m) – use 8 AWG



D016

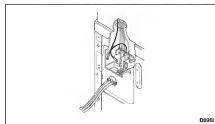
Figure 11

1. Disconnect power to dryer.
2. Remove access cover from rear of dryer.
3. Use a strain relief and insert end of power cord through power supply hole.



D055

Figure 12



D056

Figure 13

Connecting to the Network (optional)

Your system may come with a LAN (Local Area Network) card for network connection. To connect your system to the network, plug the network cable into the card's network port.



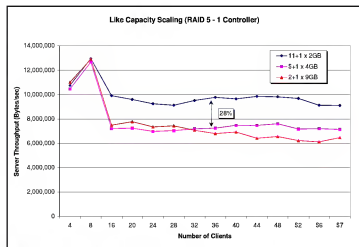


Figure 12: Like Capacity Scaling in a RAID 5 Environment.

Table 9 lists the advantages and disadvantages of like capacity scaling. Review and consider these items before making any decisions on what is right for your environment.

Table 9:
Like Capacity Scaling Advantages and Disadvantages

Advantages	Disadvantages
Eliminates bottlenecks because you minimize seek time.	Purchasing more disks for the same amount of disk space could be viewed as a more expensive solution for your environment. For example, purchasing four 2GB drives instead of two 4GB drives.
Increases I/O concurrency because you have more drives processing disk requests.	By not buying the latest technology, you might be missing new features that increase performance. For example, the latency time for a new 9GB disk might be faster than an older 4GB disk.
Higher number of drives, improves the performance (more concurrency).	Using smaller size drives limits your maximum capacity per controller. For example, the Compaq SMART-2 Array Controller supports up to 14 drives. By using fourteen 2GB drives, your data capacity equals 28GB. By using fourteen 4GB drives, your data increase to 56GB.
	By adding more drives to your system you have more disks to manage, thus increasing the probability of disk failure.

4.6 CONTRAST

- Step 1: Press  to enter the menu selection.
- Step 2: Press  to select the "CONTRAST" option.
- Step 3: Press  to select the contrast level you prefer.

There are 16 levels to choose from.



4.7 LANGUAGE

- Step 1: Press  to enter the menu selection.
- Step 2: Press  to select the "LANGUAGE" option.
- Step 3: Press  to select the display language.

There are three modes to choose from:

1. 中文简体
2. 中文繁體
3. ENGLISH

4.8 VERSION

- Step 1: Press  to enter the menu selection.
- Step 2: Press  to select "VERSION" to see the version.



Note: The version of the software refers to the machine.

4.9 SN

- Step 1: Press  to enter the menu selection.
- Step 2: Press  to select the "SN" option to see the serial



To install a DIMM:

1. Access the internal server blade components. Refer to the "Preparation Procedures" section in this chapter.
2. Open the DIMM slot latches.
3. Align the key slot in the bottom edge of the DIMM with the tab in the DIMM slot.

IMPORTANT: DIMMs do not seat if turned the wrong way.

4. Insert the DIMM into the DIMM slot (1).
5. Press down firmly. When the DIMM seats fully in the slot, the latches close (2).

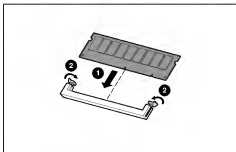


Figure 2-7: Installing a DIMM

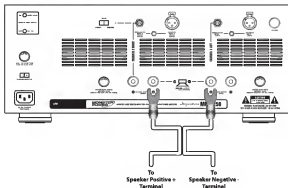
6. Reinstall the access panel. Refer to the "Installing the Access Panel" section in this chapter.

Problem	Possible cause	Remedy
The drying cycle exceptionally takes a long time	Vented air transport disrupted	Straighten N- air venting hose and/or clean air venting ducts
	Lint filter blocked	Clean lint filter
The loading door cannot be closed	Lint filter not installed and/or filter lid not locked in position	Install lint filter and/or lock filter lid in position
The drier ends the drying cycle automatically: "EINDE/FIN" indicator is illuminated shortly after programme start	Too little or too dry laundry loaded for selected programme	Select time programme or higher drying level (for instance EXT-RADROOG/TRES SEC. instead of KASTDROOG/A RANGER)
The drying cycle exceptionally takes a long time. 4,5 hours after starting the drying cycle: "EINDE/FIN" indicator is illuminated - drying cycle is aborted - programme run indicator flashes	"LAGE TEMP/DELICAT"- button depressed and filling quantity too large	Check programme selection: only use "LAGE TEMP/DELICAT" -button for laundry quantities up to 3 kg. Clean lint filter.
	Filling quantity too large	Reduce filling quantity
	Laundry too wet	Pre-dry laundry more thoroughly

If these operating instructions do not offer sufficient advice to eliminate a specific fault, please contact our customer service.

STEP 3 Speaker Connections

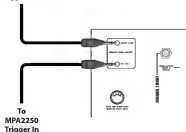
1. Connect the positive terminal from the speaker to the right channel positive terminal of the MPA 2250.
2. Connect the negative terminal from the speaker to the left channel positive terminal of the MPA 2250.



Remote Trigger Connections

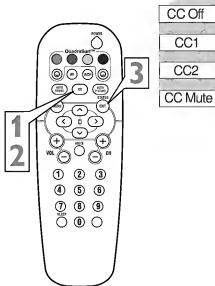
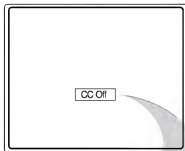
1. Connect one end of the 1/8"-to-1/8" mono mini cable to the remote output of your receiver/preamp (or MPA 3250). Should your receiver not have a remote trigger out, the 12V power transformer can be plugged into the switched AC outlet on the back of your receiver.
2. Connect the other end of the 1/8"-to-1/8" mono mini cable to the remote trigger in of the MPA 2250. If you are using the 12V power transformer, connect the end with the 1/8" mono mini jack to the remote trigger in of the MPA 2250.
3. Connect one end of the 1/8"-to-1/8" mono mini cable to the remote output of the MPA 2250. Connect the other end to the remote trigger in of the other MPA 2250. See MPA 2250 Connections for more information.

From Receiver/ Preamp
(or MPA 3250) Remote
Trigger Out



Closed Captioning (CC) allows you to read the voice content of television programs on the TV screen. Designed to help the hearing impaired, this feature uses on-screen "text boxes" to show dialogue and conversations while the TV program is in progress.

- 1 Press the CC button** on the remote to display the current Closed Caption setting.
- 2 Press the CC button repeatedly** to choose from the four Closed Caption options (CC Off, CC1, CC2, CC Mute).
- 3 When finished, press the STATUS /EXIT button** to remove the menu from the TV's screen.



Silence the Trouble Sounder & Clear Trouble Display **COMMAND 4**

Description

Use **COMMAND 4** to silence the trouble sounder during system events. This command also clears system messages from the display. The **ALARM SILENCED** display may continue to scroll to remind you that cleared events can be seen with the View Memory function (see *View Memory ?*).

Using **COMMAND 4**:

1. Press the **COMMAND** bar. The display shows **SYSTEM COMMAND**.
2. Press the **4** key. The Command Center sounder is silenced.

5. Виберіть пункт **Store as new channel** і натисніть **►**, щоб увійти.
6. Натисніть кнопку **OK**, щоб зберегти цей канал.
На екрані з'явиться номер каналу.
7. Натисніть кнопку **MENU**, щоб вийти.

Точне налаштування аналогових каналів

Аналогові канали можна точно налаштувати вручну, якщо прийом сигналу слабкий.

1. Натисніть кнопку **MENU** на пульті дистанційного керування і виберіть **Install > Channel installation > Analogue: manual installation > Fine tune**.
2. Натисніть **►**, щоб відкрити меню **Fine tune**.
3. Налаштуйте частоту за допомогою кнопок **▲** або **▼**.
4. Коли налаштування буде виконано, натисніть **▲**.
5. Щоб замінити існуючий канал каналом після точного налаштування під тим самим номером, виберіть пункт **Store current channel**.
6. Натисніть кнопку **►**, щоб увійти.
7. Натисніть **OK**. З'явиться повідомлення **Done**.
8. Натисніть кнопку **MENU**, щоб вийти.

6.3 Упорядкування каналів

1. Натисніть кнопку **MENU** на пульті дистанційного керування і виберіть **Install > Channel installation > Rearrange**.
2. Натисніть **►**, щоб відкрити меню **Rearrange**.
3. За допомогою кнопок **▲** або **▼** виберіть канал, номер якого потрібно змінити.

4. За допомогою жовтої кнопки переміщайте канал вгору, а за допомогою синьої кнопки переміщайте канал вниз за списком.
5. Натисніть кнопку **MENU**, щоб вийти.

6.4 Перейменування каналів

1. Натисніть кнопку **MENU** на пульті дистанційного керування і виберіть **Install > Channel installation > Rearrange**.
2. Натисніть **►**, щоб відкрити меню **Rearrange**.
3. За допомогою кнопок **▲** або **▼** в меню **Rearrange** виберіть канал, який слід перейменувати.
4. Натисніть червону кнопку.
5. За допомогою кнопок **◀** і **▶** можна вибирати символи, а за допомогою кнопок **▲** і **▼** можна змінювати символи. Знак пробілу, цифри (0-9) та інші спеціальні символи розташовані між знаками **z** та **A**.
6. Для завершення натисніть зелену кнопку або кнопку **OK**.

- ✳ **Підказка.** Видалити всі символи можна натисненням жовтої кнопки. Видалити виділені символи можна натисненням синьої кнопки.

UK

Each non-redundant Fibre Channel Fabric or non-redundant FC-AL contains one dedicated Fibre Host Adapter in every cluster node. Across nodes, Fibre Host Adapters for the same Fibre Channel Fabric or FC-AL must be installed in the same server slot and connected to the same Fibre Channel SAN Switch, FC-AL Switch, or Storage Hub.

If the PDC/O1000 cluster contains multiple non-redundant Fibre Channel Fabrics or FC-ALs, then each Fibre Channel Fabric or FC-AL has its own dedicated Fibre Host Adapter in each cluster node.

For more information about the Fibre Channel Host Adapter, refer to the *Compaq StorageWorks Fibre Channel Host Bus Adapter Installation Guide* or the *Compaq StorageWorks 64-Bit/66-MHz Fibre Channel Host Adapter Installation Guide*.

Gigabit Interface Converter-Shortwave Modules

A Gigabit Interface Converter-Shortwave (GBIC-SW) module must be installed at both ends of a Fibre Channel cable. One GBIC-SW module is installed into each Fibre Host Adapter, each active port on a Fibre Channel SAN Switch, FC-AL Switch, or Storage Hub, and each RA4000 Array Controller.

GBIC-SW modules provide 100 MB/second performance. Fibre Channel cables connected to these modules can be up to 500 meters in length.

Fibre Channel Cables

Shortwave (multi-mode) fibre optic Fibre Channel cables are used to connect the Fibre Host Adapters, Storage Hubs or FC-AL Switches, and RA4000/RA4100 Arrays in a PDC/O1000 cluster.

POST problems flowchart

Symptoms:

- Server does not complete POST

NOTE: The server has completed POST when the system attempts to access the boot device.

- Server completes POST with errors

Possible problems:

- Improperly seated or faulty internal component
- Faulty KVM device
- Faulty video device

R307	9965 100 03113	18kΩ 5% 1/8W	R940	9965 000 15062	7.5kΩ 50% 1/8W		
R308	9965 000 15057	4.7kΩ 5% 0.15W	R941	9965 000 02996	1kΩ 5% 1/8W		
R309	9965 000 14050	10k 5% 0.15W	R963	9965 000 02996	1kΩ 5% 1/8W		
R310	9965 100 03109	12kΩ 5% 1/8W	R964	9965 000 02996	1kΩ 5% 1/8W		
R311	9965 000 15044	1.5kΩ 5% 0.15W	RT101	9965 000 25706	PTC 0 OHM		
R312	9965 100 03139	51kΩ 1kΩ	VR801	9965 000 24388	Varistor Res Myg-14K300		
R313	9965 100 03159	1.5Ω 1W	J103	9965 000 14049	100Ω 5% 0.15W		
R314	9965 100 03147	RES. C.F. 2.2 OHM 1/4W					
R317	9965 100 03153	RES. C.F. 5 OHM 1/2W					
R318	9965 100 03107	1.2kΩ 5% 1/8W					
R326	9965 100 03149	220Ω 1/2W	L001	9965 100 03164	12μH ±5%		
R327	9965 000 15041	10k 5% 0.15W	L002	9965 000 15123	10μH 5%		
R328	9965 000 15041	10k 5% 0.15W	L003	9965 000 15126	30μH 5%		
R401	9965 000 17494	120Ω 5% 1/8W	L103	9965 000 15121	1μH 10%		
R402	9965 100 03148	5.6kΩ 5% 1/2W	L106	9965 000 15124	25μH 5%		
R403	9965 000 24362	4.7kΩ 5% 1W	L202	9965 000 15126	30μH 5%		
R404	9965 000 15409	15kΩ 5% 2W	L203	9965 000 03165	Bead BF-85656R-730		
R405	9965 100 03155	1.5Ω 5% 1W	L206	9965 000 15124	25μH 5%		
R406	9965 000 15057	4.7kΩ 5% 0.15W	L411	9965 000 03166	Coil Wdth 82μH		
R407	9965 100 03180	3.3kΩ 5% 2W	L412	9965 000 03167	Coil Linearity 45μH		
R408	9965 000 17609	1kΩ 5% 1W	L815	9965 000 24357	Bead H75 (3.5X1X3)		
R409	9965 100 03149	220Ω 1/2W	L830	9965 000 24357	Bead H75 (3.5X1X3)		
R410	9965 100 03151	23kΩ 1/2W	L833	9965 000 03165	Bead BF-85656R-730		
R411	9965 000 15046	1.6kΩ 5% 1W	L834	9965 000 15193	100μH 10%		
R413	9965 000 14048	10k 5% 0.15W	L835	9965 000 03165	Bead BF-85656R-730		
R414	9965 000 15049	24kΩ 5% 1/8W	L840	9965 000 24357	24357		
R415	9965 100 02999	1kΩ 5% 1/8W	L843	9965 000 15103	100μH 10%		
R416	9965 100 03142	6.8kΩ 5% 1/8W	T401	9965 000 03166	Transl. Hor. SCT-101		
R417	9965 100 03157	1.2kΩ 5% 1/2W	T402	9965 000 03170	FBI BSC25-0220w		
R418	9965 100 03156	1kΩ 5% 1/2W	T601	9965 100 03202	Line Filter		
R419	9965 100 03154	2.2Ω 5% 1/2W	T603	9965 100 03203	Transl. Conv. BCK4035		
R440	9965 000 14048	10k 5% 0.15W					
R442	9965 000 17494	120Ω 5% 1/8W					
R443	9965 100 03141	620Ω 5% 1/8W					
R501	9965 000 15057	4.7k 5% 0.15W	D001	9965 100 03096	Zener 5% 4V7 1/2W		
R502	9965 000 15057	4.7k 5% 0.15W	D001A	9965 000 32016	LED 832505096662		
R504	9965 000 14050	10k 5% 0.15W	D002	9965 100 02996	1N4148 (Switching)		
R505	9965 000 14050	10k 5% 0.15W	D003	9965 100 02996	1N4148 (Switching)		
R507	9965 000 14050	10k 5% 0.15W	D006	9965 100 02996	1N4148 (Switching)		
R508	9965 000 14050	10k 5% 0.15W	D007	9965 100 02996	1N4148 (Switching)		
R519	9965 000 22921	0.22Ω 1W	D008	9965 100 02996	1N4148 (Switching)		
R520	9965 000 15177	1MΩ 1/2W	D009	9965 100 02996	1N4148 (Switching)		
R553	9965 100 03162	NTC RES 302-1.4	D009	9965 000 15616	BZX79-CV2		
R554	9965 100 03192	Met Film 1W5 330kΩ	D010	9965 000 15616	BZX79-CV2		
R556	9965 000 17557	DSP-301M-A	D011	9965 000 15616	BZX79-CV2		
R557	9965 000 25967	220Ω 10% 1/2W	D012	9965 000 03007	Zener 5V1 1/2W 5%		
R510	9965 000 32622	68kΩ 5% 2W	D020A	9965 100 03000	BAT65 (Switch.)		
R511	9965 100 03107	1.2kΩ 5% 1/8W	D090	9965 000 15617	3V9 1/2W 5%		
R513	9965 100 03167	100Ω 5% 1/4W	D091	9965 100 02996	1N4148 (Switching)		
R514	9965 000 14048	10k 5% 0.15W	D092	9965 100 02996	1N4148 (Switching)		
R515	9965 100 03191	0.06Ω 5% 2W	D093	9965 100 02996	1N4148 (Switching)		
R517	9965 000 15694	2.2kΩ 5% 1/4W	D094	9965 100 02996	1N4148 (Switching)		
R518	9965 000 14055	3kΩ 5% 1/8W	D102	9965 100 02996	1N4148 (Switching)		
R519	9965 100 03164	330kΩ 5% 1/8W	D206	9965 100 02996	1N4148 (Switching)		
R520	9965 000 14029	220Ω 5% 0.25W	D207	9965 000 15616	BZX79-CV2		
R521	9965 000 13860	470Ω 5% 0.15W	D301	9965 100 03094	1N4001 (Rectifier)		
R522	9965 100 03165	330kΩ 1/8W	D302	9965 100 02996	1N4148 (Switching)		
R523	9965 000 15761	6.2MΩ 1W	D303	9965 000 02996	1N4148 (Switching)		
R535	9965 100 03000	680Ω 5% 1/8W	D304	9965 000 15617	3V9 1/2W 5%		
R536	9965 100 03057	2.2kΩ 5% 1/8W	D305	9965 100 02996	1N4148 (Switching)		
R537	9965 000 14055	3kΩ 5% 1/8W	D306	9965 100 02996	1N4148 (Switching)		
R538	9965 100 03166	RES. M.F. 3.6k OHM 1/5	D307	9965 100 02996	1N4148 (Switching)		
R539	9965 000 23773	62kΩ 1% 0.5W	D337	9965 100 02996	1N4148 (Switching)		
R540	9965 000 14050	10k 5% 0.15W	D336	9965 100 02996	1N4148 (Switching)		
R541	9965 000 14585	47kΩ 5% 1/8W	D401	9965 100 03091	FR104 (Fast Rectifier)		
R542	9965 000 44660	3.9kΩ 5% 1/8W	D402	9965 100 03091	FR104 (Fast Rectifier)		
R543	9965 100 03189	11Ω 5% 1W	D403	9965 100 02996	1N4148 (Switching)		
R544	9965 100 02999	1kΩ 5% 1/8W	D404	9965 000 15616	BZX79-CV2		
R545	9965 000 15771	1kΩ 1/4W 5% Carb. Film	D405	9965 100 03091	FR104 (Fast Rectifier)		
R551	9965 000 14050	10k 5% 0.15W	D406	9965 100 02996	1N4148 (Switching)		
R501	9965 000 27656	27kΩ 5% 1/8W	D440	9965 100 02996	1N4148 (Switching)		
R503	9965 100 02999	1kΩ 5% 1/8W	D442	9965 100 03095	Diode BZX79BXXX		
R504	9965 100 03143	75Ω 5% 1/8W	D625	9965 100 02996	1N4148 (Switching)		
R505	9965 100 02999	1kΩ 5% 1/8W	D626	9965 100 02996	1N4148 (Switching)		
R506	9965 100 03144	62Ω 5% 1/8W	D601	9965 000 15164	RL255		
R507	9965 100 02999	1kΩ 5% 1/8W	D602	9965 000 15164	RL255		
R508	9965 100 02999	1kΩ 5% 1/8W	D603	9965 000 15164	RL255		
R512	9965 100 02999	1kΩ 5% 1/8W	D604	9965 000 15164	RL255		
R514	9965 100 03144	62Ω 5% 1/8W	D609	9965 000 21421	H616		
R516	9965 000 14050	10k 5% 0.15W	D614	9965 100 02996	1N4148 (Switching)		
R519	9965 000 14050	10k 5% 0.15W	D619	9965 100 02996	1N4148 (Switching)		
R522	9965 000 14055	33kΩ 5% 1/8W	D620	9965 100 03091	FR104 (Fast Rectifier)		
R522A	9965 000 27656	27kΩ 5% 1/8W	D621	9965 100 03172	Zener 16V 1/2W 5%		
R523	9965 000 13860	470Ω 5% 0.15W	D623	9965 000 03174	Diode GRL22X		
R526	9965 000 14585	47kΩ 5% 1/8W	D633	9965 000 44362	Rectifier RU3A		
R527	9965 000 14585	47kΩ 5% 1/8W	D640	9965 100 02996	1N4148 (Switching)		
R526	9965 000 14585	47kΩ 5% 1/8W	D641	9965 000 44714	Diode RU3TX		
R529	9965 000 14585	47kΩ 5% 1/8W	D644	9965 100 03173	Zener 7V5 1/2W 5%		
R530	9965 000 14585	47kΩ 5% 1/8W	D602	9965 000 15616	BZX79-CV2		
R531	9965 000 14585	47kΩ 5% 1/8W	D603	9965 000 15616	BZX79-CV2		
R532	9965 100 02999	1kΩ 5% 1/8W					
R535	9965 000 14585	47kΩ 5% 1/8W					
R536	9965 000 14585	47kΩ 5% 1/8W					
R326	9965 000 14585	47kΩ 5% 1/8W					



USO DE LOS CONECTORES DE SALIDA DE AUDIO/VIDEO (MONITOR)

Los conectores de salida audio/video (monitor) son excelentes para grabar con VCR o para conectar un sistema externo de audio para una mejor reproducción del sonido.

COMIENZO

- 1 Para un sistema de audio externo, conecte un extremo de los conectores de AUDIO R (derecha) y L (izquierda) (salida de monitor) del TV a los conectores de entrada de audio R y L de su amplificador o sistema de sonido. Ajuste el volumen del sistema de audio al nivel de escucha normal.
- 2 Encienda el TV y el sistema de audio. Ahora puede ajustar el nivel de sonido que viene del sistema de audio con el botón VOLUME (+) o (-) del TV o del control remoto.

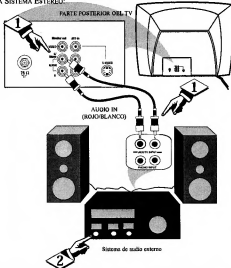
Para conectar un segundo VCR para grabar:

- 3 Conecte un extremo del cable de video amarillo al enchufe VIDEO Out del Monitor. Conecte el otro extremo al enchufe VIDEO IN del segundo VCR.
- 4 Conecte un extremo del cable de audio rojo y blanco desde los enchufes de AUDIO Out L y R del Monitor a los enchufes AUDIO IN del VCR.
- 5 Encienda el VCR, inserte una cinta VHS en blanco y estará listo para grabar lo que se está viendo en la pantalla del TV.

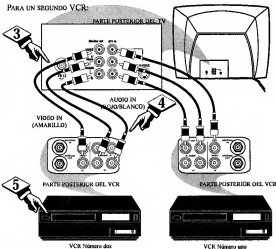
FIN

SI ESTÁ USANDO UN DISPOSITIVO MONO, USE ÚNICAMENTE EL CONECTOR AUDIO L/MONO. SI SE ENCHUFA UN CONECTOR FACTO EN AUDIO R, NO SE OIRÁ NINGÚN SONIDO.

PARA SISTEMA ESTÉREO:



PARA UN SEGUNDO VCR:



Vigtige oplysninger om sikkerhed

i forbindelse med produkter til server, lagring, strømforsyning, netværk og rack

Læs dette, inden du installerer produktet

Gem og følg alle vejledninger i forbindelse med sikkerhed og drift. Læs altid dokumentationen til udstyret (i trykt eller elektronisk form). Hvis der er uoverensstemmelser mellem denne vejledning og dokumentationen til udstyret, skal du følge vejledningen i dokumentationen til udstyret. Læs alle advarsler på produktet i brugervejledningen.

Overhold alle forholdsregler i denne vejledning for at mindske risikoen for personskade, elektrisk stød, brand eller beskadigelse af udstyret.

Symboler på udstyret

Følgende symboler kan være placeret på udstyret for at angive, at der kan være fare forbundet med den pågældende del:



Dette symbol sammen med et af følgende symboler betyder, at der er risiko for fare. Der kan opstå personskade, hvis advarslerne ikke overholdes. Se dokumentationen for specifikke detaljer.



Dette symbol betyder, at der er kredsløb med høje spændingsniveauer eller risiko for elektrisk stød. Lad kvalificeret personale håndtere serviceringen.

ADVARSEL: Undgå at åbne til det pågældende område for at mindske risikoen for personskade forårsaget af elektrisk stød. Lad kvalificeret personale håndtere vedligeholdelse, opgradering og servicering.



Dette symbol betyder, at der er risiko for elektrisk stød. Området indeholder ikke nogen komponenter, der skal serviceres af brugeren. Undlad at åbne, uanset af hvilken årsag.

ADVARSEL: For at mindske risikoen for at få elektrisk stød må du ikke åbne det pågældende område.



Dette symbol på et RJ-45-stik indikerer en netværksforbindelse.

ADVARSEL: Undlad at sætte telefonstik eller andre telekommunikationsstik i dette stik for at undgå risikoen for elektrisk stød, brand eller beskadigelse af udstyret.



Dette symbol betyder, at overfladen eller den pågældende komponent kan blive meget varm. Hvis denne del berøres, kan det medføre personskade.

ADVARSEL: Lad overfladen køle af inden berøring for at nedsætte risikoen for forbrænding.

MAIN MENU SELECTIONS

System Status Screen

The screen in **Figure 3-1** displays the status of major system components. This is a status screen only; no configurations can be performed. More detailed information can be obtained by way of the Main Menu (Figure 3-2).

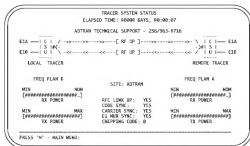


Figure 3-1. System Status Screen

The upper portion of the screen indicates how long the system has been running since the last reset operation. The "E1A" and "E1B" labels will be highlighted if any error conditions exist on that E1 interface.

The status of the radio link is indicated as Up or Down. The left portion of the screen reports the status of the local system (the system to which the terminal is attached); the right portion reports the status of the remote system. The approximate transmitter and receiver signal levels are shown via the bar graphs. If the link is down and remote end data is unavailable, the bar graphs will show "x" instead of "x." RFC Link Up indicates if communications exist on the IF cable connecting the baseband processor to the radio frequency converter. The Code Sync, Carrier Sync, and E1 Mux Sync will all be "yes" for an operational link. Chipping code indicates the code to which the system is set.